

## SEVERE LOCAL STORMS, APRIL, 1930

[The table herewith contains such data as have been received concerning severe local storms that occurred during the month. A more complete statement will appear in the Annual Report of the Chief of Bureau]

Place	Date	Time	Width of path yards <sup>1</sup>	Loss of life	Value of property destroyed	Character of storm	Remarks	Authority
Pharr, Tex. (near)	3	4:30 p. m.	2 mi.		\$38,000	Tornado and hail	Damage chiefly to crops; 1 person injured	Official, U. S. Weather Bureau.
Malta, Mont., and vicinity	4				6,000	Wind	Character of damage not reported	Do.
Lee and Madison, Fla.	6	5:15 p. m.			3,300	Wind and hail	Minor crop injury; frame covering of 22 acres of tobacco damaged.	Do.
Greenville, S. C.	7					Wind	Trees, poles, and windows damaged.	Do.
Maryland	7	10 a. m.-1 p. m.		2	50,000	Thunder gusts	Considerable damage to trees, buildings, and farm property throughout the section; a teacher and 15 pupils injured.	Do.
Dallas-Fort Worth, Tex., and vicinity	13	6:15 p. m.			100,000	Hail and wind	Public utilities crippled; shacks unroofed; shrubbery broken. Some damage by lightning.	Do.
Bend, Calif.	14	2 p. m.				Hail	Fruit and vegetables injured.	Do.
Almena, Kans. (near)	14	3:30 p.	1,760			Heavy hail	Windows broken; auto tops and roofs pierced; fruit damaged.	Do.
Goulds and Perrine, Fla. (west of)	15	3-4 p. m.	12 mi.		100,000	Hail	Tomatoes and other vegetables damaged; poultry raisers suffered heavy losses.	Do.
Hillsboro, Tex.	15	8 p. m.	880		20,000	Hail and wind	Windows, awnings, outhouses, smokestacks, and barns damaged.	Do.
National Gardens, Fla. (near Daytona Beach)	15				6,000	Wind, rain, and hail	Considerable damage to gardens and ornamental flowers.	Do.
Ulysses, Kans. (5 miles west of)	16	2:30 p. m.	50		1,500	Tornado	A residence and several small buildings damaged; an oil derrick wrecked; path 5.5 miles long.	Do.
Spottsville, Ky.	17	P. m.			3,000	Whirlwind	2 barns demolished and an orchard uprooted	Do.
Sparta, Ill. (north of)	17	6 p. m.	150		10,000	Tornado	Buildings damaged, some loss of livestock; path 9 miles long.	Do.
Beaver City, Nebr.	17	7-7:20 p. m.	5-20 mi.		1,000	Hail	Considerable damage to trees and roofs over small area; path 30 miles.	Do.
McAllen, Tex.	24	3:10 p. m.	1,760		75,000	do	Heavy damage to property over small area	Do.
Honey Grove, Tex.	26	3:30 p. m.	1,320		5,000	do	Considerable crop injury; damage to buildings slight.	Do.
Dallas, Tex., and vicinity	26	4:45 p. m.				2 thunderstorms, hail, and wind.	Some damage to buildings; crops and fruit injured.	Do.
Cleburne, Tex.	26	5 p. m.	2 mi.			Hail	Gardens, orchards, and shrubbery injured.	Do.
Grapevine, Tex. (near)	26	5 p. m.	2 mi.			do	Corn and gardens damaged.	Do.
Garland, Tex.	26	6 p. m.				Hail and rain	Considerable damage to buildings; rain damaged merchandise.	Do.
Waco, Tex.	26	6:45 p. m.	2 mi.		35,000	Hail	Chief damage to crops; considerable damage to roofs, windows, etc.	Do.
Itasca (near), Brandon and Hubbard (near), Tex.	26	7:45 p. m.	4 mi.		35,000	Hail and wind	Buildings damaged; crops injured.	Do.
Kaufman (near) and Crandall, Tex.	26	8 p. m.	3 mi.		115,000	Hail, wind, and rain.	25,000 acres of cotton damaged; gardens and truck crops ruined; some damage to buildings.	Do.
China Springs, Clifton and Meridian, Tex.	27	8 p. m.	2 mi.			Hail	Practically all crops in path destroyed.	Do.
Sinton, Tex.	28	12:30 p. m.	1,760		55,000	Hail, rain, and tornado.	Small buildings wrecked; crops ruined.	Do.
Taft, Tex.	28	1 p. m.	10 mi.			do	5,000 acres of cotton ruined; a few houses and barns damaged.	Do.
Scotts Bluff, Tex. (northwest of)	28	5-6 p. m.	3 mi.		20,500	Hail	Some damage to crops and buildings over path 10 miles long.	Do.
Murray County, Okla.	29	10 p. m.	20 mi.			do	Damage chiefly to roofs and crops.	Do.
McAllen, Tex.	29				50,000	Rain and hail	Considerable damage to crops and buildings.	Do.
Danbury, Iowa (near)	30					Hail	Glass in hot beds and greenhouses broken.	Do.

<sup>1</sup> Mi. signifies miles instead of yards.

## RIVERS AND FLOODS

By R. E. SPENCER

[All dates in April unless otherwise specified]

The Tallahatchie River, after remaining above flood stage at Swan Lake, Miss., for 82 days, fell below that point on April 6. The crest stage—31.9 feet—which prevailed from January 27 to 29, was the highest of record at Swan Lake, having exceeded by 0.1 foot that of March 22, 1927. Relative to the consequences of this flood, the official in charge of the Weather Bureau office at Vicksburg, Miss., reports as follows:

The area overflowed—about 4,800 square miles—is mostly uncultivated, but about 200 bales of cotton remained in the fields and were lost. This was practically the only tangible damage, although many minor inconveniences were suffered by residents of the overflowed section.

Fortunately the flood subsided in time for the cultivation of the cleared portion of the overflowed area during the present crop season.

Of other April floods, those in the Altamaha, Ocmulgee, Wabash, Rio Grande, and Colorado Rivers were without consequence; those in the Illinois (reported of minor importance) and Verdigris will be discussed in the May REVIEW; and that in the Sulphur overflowed about 100 acres of farm land and did approximately \$300 damage to prospective crops.

Flood stages and dates appear in the following table:

River and station	Flood stage	Above flood stages—dates		Crest	
		From—	To—	State	Date
ATLANTIC DRAINAGE					
	<i>Feet</i>			<i>Feet</i>	
Altamaha: Everett City, Ga.-----	10	{ (1) 10	4 20	10.4 10.2	Mar. 24-25 14-15
Ocmulgee: Abbeville, Ga.-----	11		12	11.7	10-11
MISSISSIPPI DRAINAGE					
Wabash: Covington, Ind.-----	16	21	21	16.0	21
Illinois:					
Morris, Ill.-----	13	{ 17	25	15.2	22
Peru, Ill.-----	14	{ Mar. 31	11	15.8	3-4
Henry, Ill.-----	10	16	(?)	18.8	23
Peoria, Ill.-----	18	19	(?)	13.3	25
Havana, Ill.-----	14	21	(?)	19.9	26
Beardstown, Ill.-----	14	20	(?)	16.2	28-29
Pearl, Ill.-----	14	21	(?)	16.8	30
Verdigris: Independence, Kans.-----	12	28	(?)	12.7	May 1-4
Tallahatchie: Swan Lake, Miss.-----	30	30	(?)		
Sulphur: Ringo Crossing, Tex.-----	25	(1) 28	6 28	31.9 21.5	Jan. 27-29 28
WEST GULF DRAINAGE					
Rio Grande: San Marcial, N. Mex.-----	3	12	20	3.7	15-18
		24	(?)	3.8	28
PACIFIC DRAINAGE					
Colorado: Parker, Ariz.-----	7	15	(?)		

<sup>1</sup> Continued from last month.

<sup>2</sup> Continued at end of month.